

# SIEMENS

## MammoReportPlus

**SP**

### Upgrade

*From VA20 to VB10*

© Siemens AG 2005

The reproduction, transmission or use of this document or its contents is not permitted without express written authority. Offenders will be liable for damages. All rights, including rights created by patent grant or registration of a utility model or design, are reserved.

English

Doc. Gen. Date: 07/05

Print No.: SPB7-420.892.02.01.02

Chapter	Page	Revision
all	all	01

## Document revision level

The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

## Disclaimer

The installation and service of equipment described herein is to be performed by qualified personnel who are employed by Siemens or one of its affiliates or who are otherwise authorized by Siemens or one of its affiliates to provide such services.

Assemblers and other persons who are not employed by or otherwise directly affiliated with or authorized by Siemens or one of its affiliates are directed to contact one of the local offices of Siemens or one of its affiliates before attempting installation or service procedures.

# Contents

---

	Page
<b>1 Preparations</b>	<b>1-1</b>
Introduction . . . . .	1-1
Preparations . . . . .	1-1
Referenced Documents . . . . .	1-1
Hardware Components . . . . .	1-1
Upgrade Kit for W8000 . . . . .	1-2
Upgrade Kit for R610 . . . . .	1-2
Step 1: Backup MammoReport VA20 Settings . . . . .	1-3
Note SCR Settings. . . . .	1-3
Step 2: Backup of Operating System Settings . . . . .	1-5
Connect Service Monitor . . . . .	1-5
Network Settings. . . . .	1-5
Computer Name and Workgroup . . . . .	1-7
Paper Printer. . . . .	1-8
Step 3: Change R610 BIOS Settings . . . . .	1-8
<b>2 Upgrade W8000 to MammoReport VB10</b>	<b>2-1</b>
Introduction . . . . .	2-1
Step 1: Hardware Setup. . . . .	2-1
Step 2: System Installation - Part 1 . . . . .	2-1
Step 3: syngo Configuration. . . . .	2-1
Step 4: System Installation - Part 2 . . . . .	2-5
Step 5: Backup of Software Settings . . . . .	2-5
<b>3 Upgrade R610 to MammoReport VB10</b>	<b>3-1</b>
Introduction . . . . .	3-1
Step 1: Hardware Upgrade . . . . .	3-1
1. Replacement of Barco Graphic Boards . . . . .	3-1
2.1 Existing System with 1 Hard Disk (VA20 standard) . . . . .	3-1
2.2 Existing System with 2 Hard Disks (VA20 option) . . . . .	3-1
A. Installation of Second Data Disk for Upgrade to Standard VB10. . . . .	3-2
Disconnect the Power Supply Cable . . . . .	3-2
Remove the Computer Access Panel . . . . .	3-2
SCSI ID Settings. . . . .	3-3
Installing the Hard Disk Drive . . . . .	3-3
Closing the Casing . . . . .	3-5
Attach Product Label . . . . .	3-5
B. Installation of Third Optional Data Disk. . . . .	3-5
Step 2: Delete Data Disk Volumes . . . . .	3-6
Step 3: Installation of Software . . . . .	3-6
Step 4: Backup of Software Settings . . . . .	3-6

# Contents

---

## A **Appendix** **A-1**

Creation of New Database . . . . .	A-1
A: Drop the Old Database . . . . .	A-1
B: Create the Database Tables . . . . .	A-2
C: Insert Default Data: Entities and User Rights . . . . .	A-2
D: Create Default User . . . . .	A-3
E: Insert Default Printer . . . . .	A-4
F: Insert Demo Patients . . . . .	A-5
Restore Default Database . . . . .	A-6
Back Up Default SCR Database . . . . .	A-8
Back Up faroer.dat from Production . . . . .	A-9
BIOS Settings Celsius R610 . . . . .	A-10

## Introduction

The following instruction describes the procedure to upgrade from SW version **VA20** (only VA20H, VA20J and VA20K) to **VB10**.

For all VA20 versions the procedure is identical - it just differs if the VA20 PC hardware is either Compaq W8000 or Celsius R610.

In case the hardware is

- Compaq W8000 ⇒ perform chapters 1 and 2
- Celsius R610 ⇒ perform chapters 1 and 3

<b>NOTE</b>
-------------

---

**In case severe problems occur in the SQL database, all settings in “SCR Administration” and “SCR Service” need to be reconfigured. Refer to Appendix.**

---

## Preparations

This chapter describes the hardware and documentation prerequisites:

1. Step 1: Backup MammoReport VA20 settings
2. Step 2: Backup of Operating System Settings
3. Step 3: Change of R610 BIOS Settings (skip this part if VA20 hardware is Compaq W8000)

## Referenced Documents

- Installation of Extra Hard Drive: SPB7-420.812.20...
- Installation of Software: SPB7-420.812.21...
- Installation and Startup Instructions: SPB7-420.814.20...
- Calibration of Monitors: SPB7-420.820.20...
- Wiring Diagram: SPB7-420.844.20...
- Planning Guide: SPB7-420.891.20...

## Hardware Components

### ***System hardware installed at customer site before upgrade:***

- VA20 Workstation (either W8000 or R610) including
- CD-RW drive
- DVD-ROM drive (does not exist on W8000)
- CRT high resolution monitors
- Special workflow keypad
- LCD Service monitor
  - 15 inch with W8000
  - 17 or 18 inch with R610

**New hardware required:**

- New VB10 R610 Workstation instead of VA20 W8000.
- Additional HD drive (147 GB) for data is needed if existing VA20 R610 has only 1 HD drive for data - minimum for VB10 is 2 x 147 GB.
- LCD syngo monitor in case the VA20 has a 15 inch monitor.

**Upgrade Kit for W8000**

Pos.	Quan.	Material No.	Name
	1	8646312	Upgrade Kit for W8000

Tab. 1 Upgrade Kit for W8000

**Upgrade Kit for R610**

Pos.	Quan.	Material No.	Name
	1	8646304	Upgrade Kit for R610

Tab. 2 Upgrade Kit for R610

**NOTE**

**After performing an upgrade to VB10, an application training is necessary.**

**NOTE**

**During syngo installation the workstation must be disconnected from the network.**

**After installation reconnect the workstation to the network.**

## Step 1 Backup MammoReport VA20 Settings

This chapter refers to the existing VA20 MammoReport System at the customer site.

### NOTICE

Inform the customer that all diagnostic data entered in the MammoReport VA20 system (read state, Bi-RADS diagnostic reports, markings and annotations) will be lost when the upgrade to VB10 is performed. The database of VA20 will not be transferred to VB10!

### NOTE

Inform the customer that all user names and passwords will be lost when the upgrade to VB10 is performed. The database of VA20 will not be transferred to VB10!

## Note SCR Settings

1. Login as **application** and select **Administration**.
2. Click on **User setup** tab card: Note all user names (only radiologists and technologists), because they need to be entered in syngo and SCR user management.
3. Logout **application**.
4. Login as **service** and select **Administration**.
5. Click on **Settings** tab card:
  - Note the language of the User interface of MammoReport<sup>Plus</sup>.
  - Note the settings (Reporting, Watermark etc.) - they need to be checked on the VB10 system later on.

Setting	Value
Scheduling	
Reporting	
Network Search	
Display of multi modality studies	
Study Date Input	
Incoming Studies	
Threshold settings:	
Warning level	
Critical level	
Age of current studies	
Age of prior studies	
Auto Deletion	

6. Click on **DICOM** tab card and write down the following entries:

SCR System	Value
AET	
Port	

**NOTICE**

AET and port of SCR System will be used later as AET and port of the upgraded syngo system.

DICOM Entities	AET	IP address	Port

7. Select **Printer** tab card.

DICOM Printer	DMax	Portrait matrix	Landscape matrix	Gray level

8. Exit **Administration** and **exit to Windows**.
9. Open file **E:\IgnorePatientOrientation.ini**. If it contains anything except comment lines beginning with #, back up this file on USB stick or floppy.
10. Copy the directory **E:\UserPrefs\\*.\*** to USB stick or floppy.



## Step 2 Backup of Operating System Settings

### Connect Service Monitor

1. **Restart** the system with shift key pressed while booting.
2. Login as **OS administrator**.
3. Connect service monitor.
4. Select Start Settings ⇒ Control Panel ⇒ **Users and Passwords**: Administrator is selected by default.
5. Click the check box **Users must enter a user name and password to enter his computer** while administrator is selected.
6. Confirm with **OK**.
7. On **Windows desktop** click right mouse key ⇒ **Properties**.
8. In **Display Properties** ⇒ **Settings** click on service monitor (the small one) and click on button **Attach**.
9. Check **Extend my Window onto this Monitor** and click **OK** to save the setting.

### Network Settings

1. On Windows desktop, right mouse click on the **My Network Places** icon to open its context menu.
2. Select **Properties** in the context menu ⇒ **Network and Dial-up Connections** window displays.
3. Right-click on the **Local Area Connection** icon to open its context menu.
4. Select **Properties** in the context menu ⇒ **Local Area Connection Properties** window displays.
5. In the **Components checked are used by this connection** list, double click on **Internet Protocol** ⇒ Internet Protocol (TCP/IP) Properties dialog box displays.

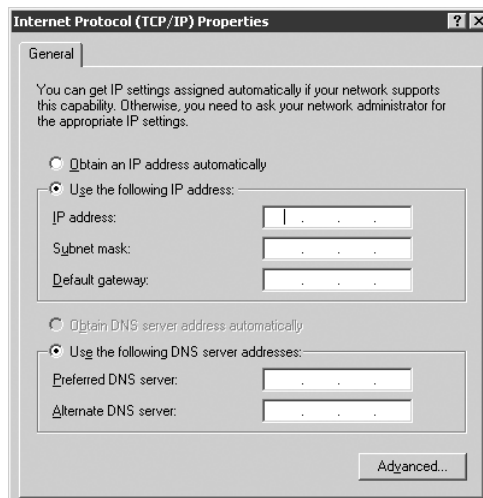


Fig. 1 Internet Protocol (TCP/IP) Properties dialog box.

6. Write down the displayed settings.

Parameter	Configuration
IP address	
Subnet mask	
Default Gateway	
Domain/Workgroup	
Preferred DNS Server	
Alternate DNS Server	

## Computer Name and Workgroup

1. Open the **System Properties** dialog with Start ⇒ Settings ⇒ Control Panel ⇒ System.
2. Select the **Network Identification** tab.

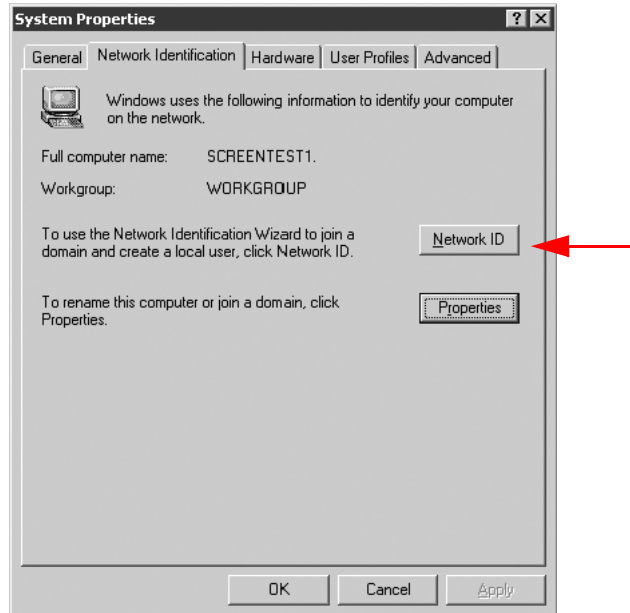


Fig. 2 System Properties

3. Click on **Properties**. The **Identification Changes** window opens.



Fig. 3 Identification Changes window

4. Write down computer name and workgroup from the above table.

Parameter	Configuration
Computer name	
Workgroup	

5. Close Dialog window.

### Paper Printer

Only necessary if **reporting** setting is **Closing a case** with report or **BI-RADS**.

1. Open Start ⇒ Settings ⇒ **Printers**.
2. Open with right mouse the context menu and select **Properties**.

Parameter	Value
Name	
IP address	
Port	
other	

3. Write down printer name and information needed to re-install.

### Step 3 Change R610 BIOS Settings

Skip this part if existing system is Compaq W8000. Only perform it, if the old system is already R610.

To start installation from DVD, the BIOS settings must be changed first. To set, boot from DVD and follow the steps below:

#### NOTE

**Disable Start from IDE CD-ROM after update procedure is finished.**

1. Reboot the workstation: Click **Shutdown**, then select **Restart**.
2. Press <F2> key to enter Bios **Setup**.
3. Enter password and press return key to enter the Bios.
4. In **Security** menu, select **Start from IDE CD-ROM** and make changes according to Tab. 3 below.
5. Press <F10> key to **save changes and exit** the Bios. The system restarts.

BIOS Setting	from	to	for
<b>Start from IDE CD-ROM:</b>	<b>Disabled</b>	<b>Enabled</b>	<b>Installation from CD-ROM drive</b>

Tab. 3 Boot settings from Removable Media

## Introduction

### NOTE

If existing hardware is Celsius R610, skip this chapter 2 “Upgrade W8000 ...” completely.

This chapter describes the upgrade of an MammoReport VA20 / W8000 system. It is subdivided into the following four steps, where the noted documentation is needed:

- Step 1: Hardware Setup
  - refer to chapters 1 to 3 of Installation and Startup Instructions: SPB7-420.814.20...
- Step 2: System Installation - Part 1
  - refer to chapters 1 to 5 of Installation and Startup Instructions: SPB7-420.814.20...
- Step 3: syngo Configuration
  - refer to chapter 6 of Installation and Startup Instructions: SPB7-420.814.20...
- Step 4: System Installation - Part 2
  - refer to chapters 7 to 10 of Installation and Startup Instructions: SPB7-420.814.20...
  - and Calibration of Monitors: SPB7-420.820.20...

## Step 1 Hardware Setup

For W8000 the complete Celsius R610 computer including all necessary HD's is delivered.

### NOTE

Use Workflow keypad from W8000 and connect it to R610.

- Perform the hardware setup according to Installation and Startup Instructions: SPB7-420.814.20..., chapters 1 to 3.

## Step 2 System Installation - Part 1

- Perform Installation and Startup Instructions: SPB7-420.814.20..., chapters 4 to 5.
- Use the information previously noted down and backed up with this document (chapter 1: Preparations, Step1 and Step 2) where applicable.

## Step 3 syngo Configuration

- Disconnect dongle from W8000 parallel port and connect the dongle to the new R610 system.
- Boot the system **without** shift key pressed - be patient.

- Wait until the Internet Explorer appears with Invalid License message.

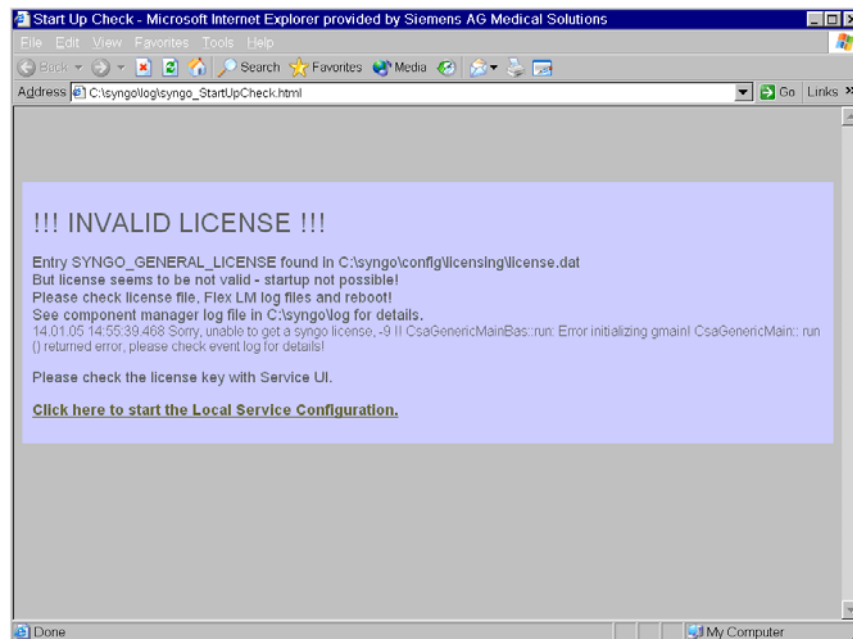


Fig. 1 Invalid License

- Click link to enter Service user interface.
- Perform the following steps to import the correct license file:
  1. Insert the CD labelled **MammoReport License Keys** with the serial number of the R610 MammoReport system into the DVD drive D:\.
  2. Press **windows key** and open **explorer**.
  3. **Open** the file containing the **service key** from DVD D:\.
  4. Copy the **first 14 digits** to the clipboard (Ctrl + C) and paste it (Ctrl + V) into the **large text field** for the password.

5. Copy the **last 6 digits** to the clipboard and paste them into the **small password field**.

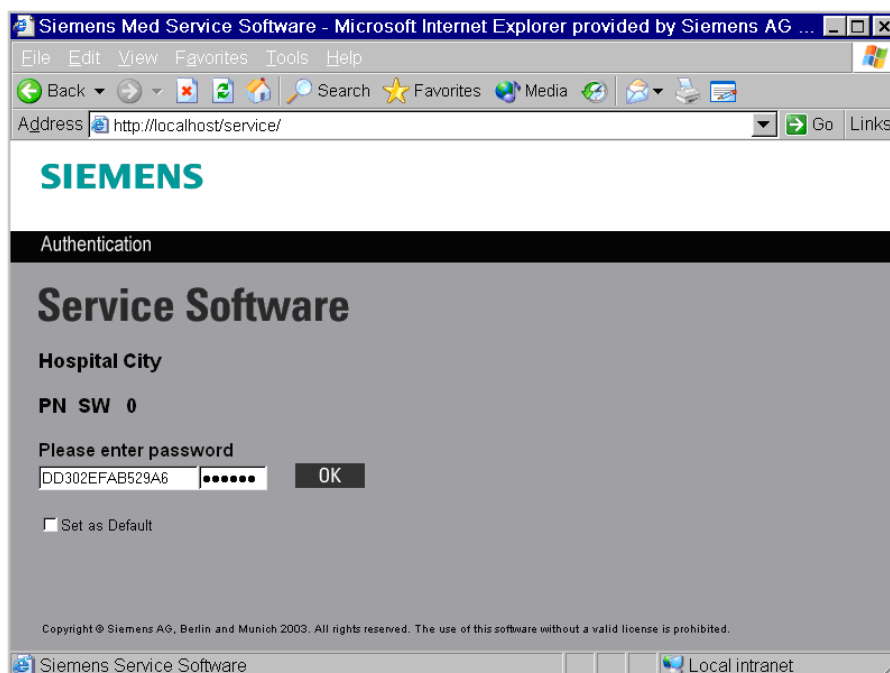


Fig. 2 Enter Service Key

6. Click **OK**.
7. The Home Menu appears - click on service function **Configuration**.
8. Click **Next** on Configuration setup page.
9. In configuration, choose selection frame **Service / Licensing**.

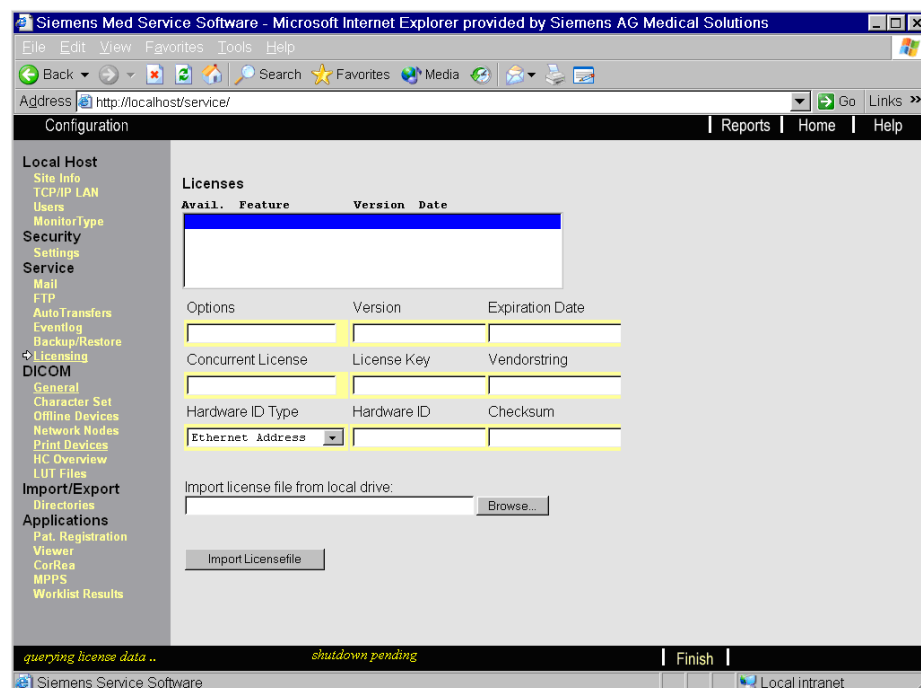


Fig. 3 Querying License Data is running

10. Wait for the following error message:



Fig. 4 Error Message: Invalid Licenses

11. Click OK.
12. **Browse** to license file on **CD MammoReport License Keys** on D:\ and click on **Import License file**.

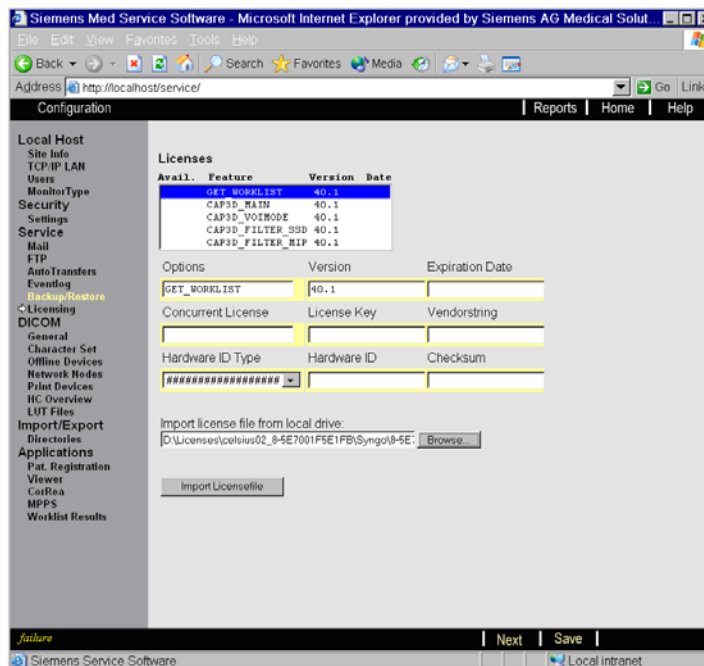


Fig. 5 Import License File

13. A message appears: Are you sure you want to overwrite the existing License File? Click **OK**.

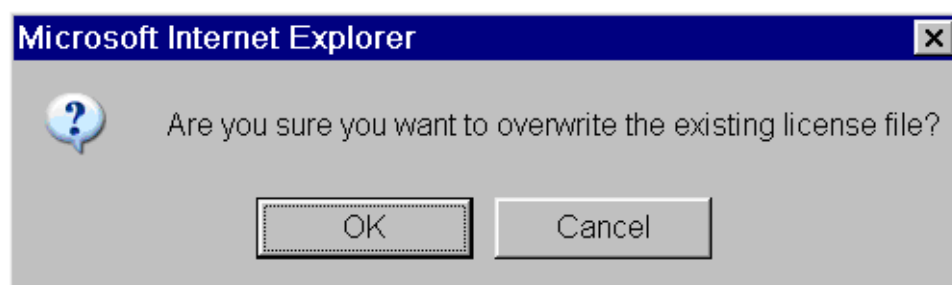


Fig. 6 Question: Overwrite License File



14. **Importing license file...** is shown on progress bar - **wait** for **ready** to appear.
  15. Then click **Save** on the action bar and wait for **ready** on the progress bar.
- Continue configuration and setup - including the calibration of high resolution monitors - according to Installation and Startup Instructions: SPB7-420.814.20..., chapter 6.

**NOTE**

**For CRT monitors, deactivate membrane buttons on CRT monitors.**

- Use the information previously noted down and backed up with this document (chapter 1: Preparations, Step 1 and Step 2) where applicable.

## Step 4 System Installation - Part 2

- For all other necessary changes, refer to Installation and Startup Instructions: SPB7-420.814.20..., chapters 7 to 10.

**NOTE**

**The upgraded Celsius R610 is delivered with MBC-SCR main license which has been entered during production.**

This license must be deleted before the valid license(s) for MBC-SCR can be entered.

1. Select **Licensing** tab. The Licensing Window is displayed.
2. Select feature, e.g. MBC-SCR-2.0 and click **Delete**.
3. Repeat this step for all other features.

**NOTE**

**For the upgraded Celsius R610 all required network nodes must be configured in syngo (refer to Installation and Startup Instructions: SPB7-420.814.20..., chapter 6).**

- Use the information previously noted down and backed up with this document (chapter 1: Preparations, Step 1 and Step 2) where applicable.

## Step 5 Backup of Software Settings

As a final step, perform a backup as described in Installation and Startup Instructions: SPB7-420.814.20..., chapters 9 or 10.

This page intentionally left blank.

## Introduction

The following instruction describes the procedure to upgrade from SW version VA20 (only VA20H, VA20J and VA20K) on Celsius R610 to VB10 on the existing R610 system.

The procedure for installing the hardware is described in the following section.

- Step 1: Hardware upgrade is necessary if
  1. Barco CRT boards are to be replaced with other boards
  2. Additional data disks are required. Install them - dependent on the number of data disks before update (VA20: 1= standard or 2=option) and for VB10 (2=standard, 3= option)
    - A) Installation of second HD - described here
    - B) Installation of third HD (optional) - refer to Installation of Extra Hard Drive: SPB7-420.812.20..., chapter 2
- Step 2: Delete data disk volumes because all data disks have to be formatted under Windows XP. This will be performed with step 3.
- Step 3: Installation and configuration of software - refer to Installation of Software: SPB7-420.812.21... and Installation and Startup Instructions: SPB7-420.814.20...

## Step 1 Hardware Upgrade

### 1. Replacement of Barco Graphic Boards

#### NOTE

If the existing Barco CRT boards are to be replaced by other boards, this must be done before performing the upgrade.

Refer to SPB7-420.812.22 ... Installation of graphic cards and SPB7-420.844.20... Wiring Diagrams.

### 2.1 Existing System with 1 Hard Disk (VA20 standard)

#### NOTE

Exchange existing keyboard with syngo keyboard (part of upgrade kit).

- Case 1: Upgraded system with 2 HD drives (standard configuration)
  - install 1 HD drive: perform A)
- Case 2: Upgraded system with 3 HD drives (optional)
  - install 2 HD drives: perform A) and B)

### 2.2 Existing System with 2 Hard Disks (VA20 option)

- Case 1: Upgraded system with 2 HD drives (standard configuration)
  - nothing to do here: continue with Step 2
- Case 2: Upgraded system with 3 HD drives (optional)
  - install 1 HD drive: perform B)

## A. Installation of Second Data Disk for Upgrade to Standard VB10

### Disconnect the Power Supply Cable

1. Shut down the operating system properly and turn off the computer and any external devices.
2. Disconnect the power supply cable of the computer.

### Remove the Computer Access Panel

1. Remove the computer access panel (1); for this purpose remove the screws on the back side.

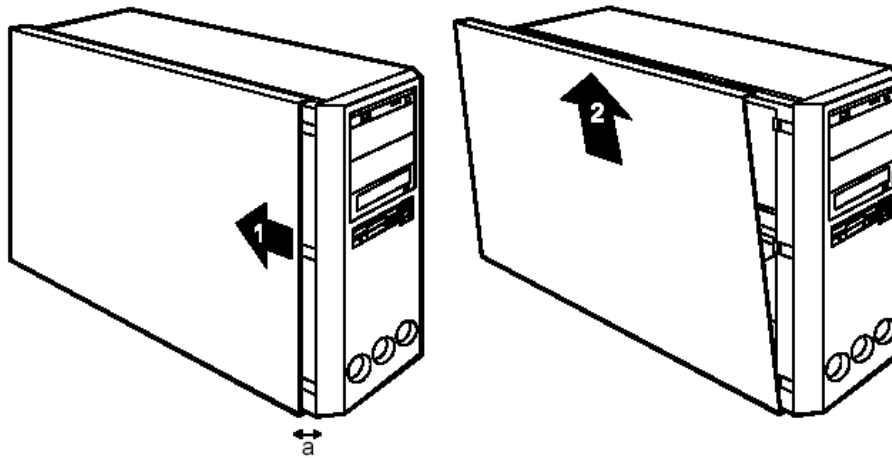


Fig. 1 Remove the Access Panel.



**The computer contains electrostatic highly sensitive components requiring particular care in their handling.**

**Risk of damaging components.**

**Make sure to follow the ESD guidelines.**



2. Slide the side cover approximately 2 cm (a) in the direction of the arrow (1), until the stop.
3. Unhook the upper edge of the side cover from the casing.
4. Pull the side cover in the direction of the arrow of the casing.

### SCSI ID Settings

1. Set SCSI ID for the one hard drive on contact J5. The hard drive should have SCSI ID 2. Refer to the figure below.

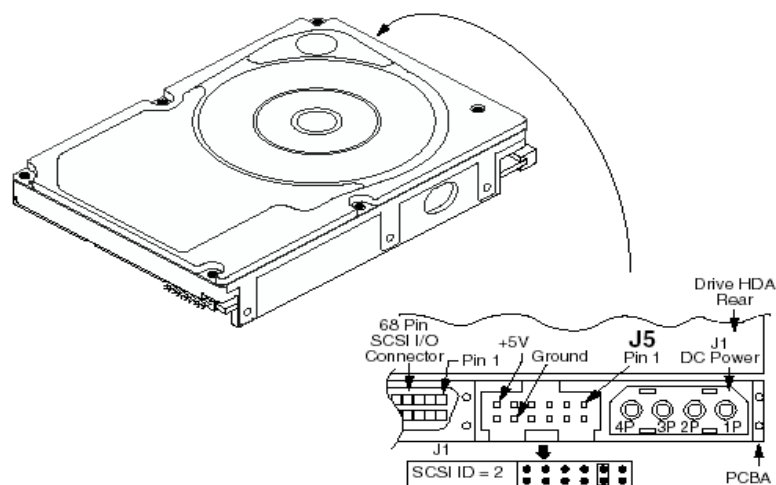


Fig. 2 SCSI ID Settings

### Installing the Hard Disk Drive

1. Open the casing (see "Remove the Computer Access Panel" on Page 3 - 2).
2. Take the new hard disk drive out of its packaging.
3. Make the required settings on the drive.
4. Secure the EasyChange rails on the side of the hard disk by inserting the upper pins of the EasyChange rail in the corresponding holes of the hard disk.

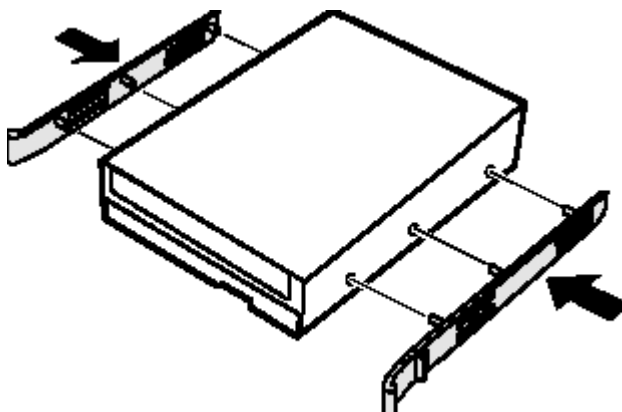


Fig. 3 Secure EasyChange Rails

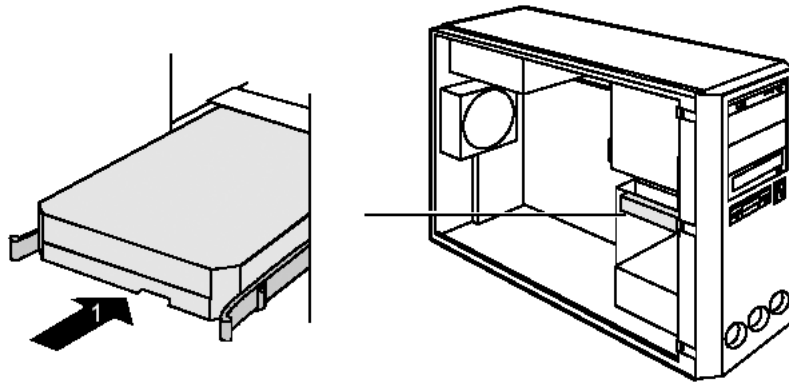


Fig. 4 Installing the Hard Disk Drive

5. Push the hard disk drive into the casing (1) - directly under the lowest existing disk drive - until the EasyChange rails engage.
6. Connect the data and power supply cables to the hard disk drive(s).

**NOTICE**

**Connect the blue plug of the data cable to the connection on the mainboard. Connect the plug on the other end to the hard disk drive.**

**NOTICE**

**It may be necessary to modify the entry for the drive in the BIOS Setup.**

**NOTICE**

**If a third data disk is to be installed, skip the following subchapter "Closing the Casing" and continue with "Attach Product Label".**

## Closing the Casing

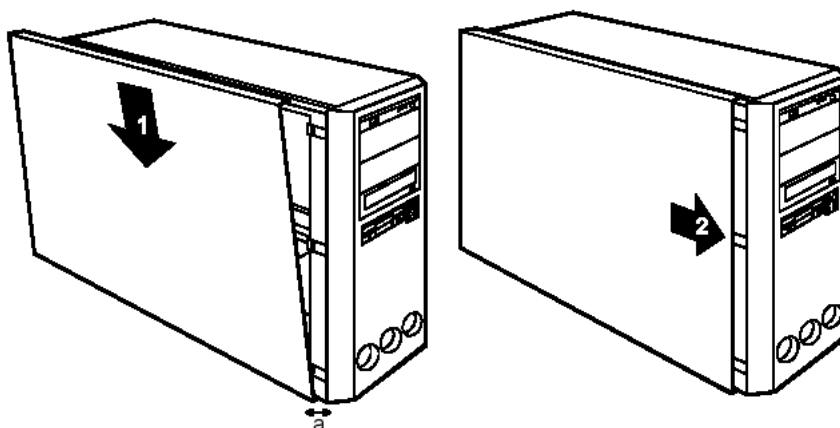


Fig. 5 Closing the Casing

1. Hook the side cover into the lower guide trail in the casing (1). Make sure that the side cover is offset by approximately 2 cm (a).
2. Engage the top edge of the side cover on the casing.
3. Push the side cover as far as it will go in the direction of the arrow (2).
4. Connect the power supply cable of the computer. Turn on the computer and start up the operating system.

## Attach Product Label

1. Attach product label 34 34 008 on top of the workstation beside the product label of the workstation.

## B. Installation of Third Optional Data Disk

For installation of optional third data disk, refer to Installation of Extra Hard Drive: SPB7-420.812.20..., chapter 2.

The description in the referenced document is identical with the description in section "SCSI ID Settings", except that the SCSI ID Setting has to be SCSI ID 3.

## Step 2 Delete Data Disk Volumes

Before the software can be installed, the data disk volumes must be deleted:

- Right mouse click on My Computer ⇒ Manage ⇒ **Disk Management**.
- Right mouse click on disk volume F: ⇒ **Delete Volume...**

**NOTE**

If Disk 1 is not visible, then import foreign disk.

## Step 3 Installation of Software

**NOTE**

Perform installation of software according to Installation of Software: SPB7-420.812.21...

Barco: Chapters 2, 3, 4, 5 and 10

Matrox: Chapters 6, 7, 8, 9 and 10

**NOTE**

Perform the necessary steps from Installation and Startup Instructions: SPB7-420.814.20... to configure the system at the customer site using the customer settings saved in chapter 1 of this document.

- Enter users (radiologists and technologists) with passwords that you communicate to the administrator of the MammoReport system.
- Copy file **IngnorePatientOrientation.ini** into directory C:\MBCSCR\, if this was saved in chapter 1 of this document.

**NOTE**

Use the information previously noted down and backed up with this document (chapter 1: Preparations, Step 1 and Step 2) where applicable.

## Step 4 Backup of Software Settings

As the final step, perform a backup as described in Installation and Startup Instructions: SPB7-420.814.20..., chapter 9 or 10.



## Creation of New Database

If a new SCR database has to be created:

- boot the system with pressed shift key
- log in as OS administrator
- run the following batch files in the given order
- reboot the system - the database will be upgraded, wait until MammoReport background logo is shown on HR monitors

- A. Run DropDatabase.bat
- B. Run CreateDatabase.bat
- C. Run ImportEntitiesUserRights.bat
- D. Run CreateDefaultUser.bat
- E. Run ImportDefaultPrinter.bat
- F. Run ImportDemoPatients.bat

### A: Drop the Old Database

1. Run batch C:\MBCSCR\SQLScripts\DropDatabase.bat
2. Enter the password "BreastCare" when the batch asks for it
3. Press any key when requested.
4. Check the log file in C:\MBCSCR\SQLScripts\Log\OSQL\_DropDatabase.log to ensure that it contains

```
1> 2> Deleting database file
'C:\MSSQLSERVER\DATA\MSSQL\Data\faroeer_log.LDF'.
Deleting database file 'C:\MSSQLSERVER\DATA\MSSQL\Data\faroeer.mdf'.
1>
```

<b>NOTE</b>
-------------

---

**If the following error message appears in the log file, you might have an application with access to the database open. Close all instances that access your database and perform step A again.**

---

```
1> 2> Msg 3702, Level 16, State 4, Server <systemname>, Line 1
Cannot drop the database 'faroeer' because it is currently in use.
1> \
```

<b>NOTE</b>
-------------

---

**If the following error message appears in the log file, you have entered the wrong password. Perform step A again.**

---

Login failed for user 'sa'.

**B: Create the Database Tables**

1. Run batch C:\MBCSCR\SQLScripts\CreateDatabase.bat
2. Press any key when requested.
3. Check the log file in C:\MBCSCR\SQLScripts\Log\OSQL\_CreateDatabase.log to ensure that it contains

```
1> 2> The CREATE DATABASE process is allocating 0.63 MB on disk 'faroer'.
The CREATE DATABASE process is allocating 0.49 MB on disk
'faroer_log'.
1>
```

**NOTE**

**If the following message appears in the log file, the tables were already created - you may repeat from beginning with step A.**

```
1> 2> Msg 1801, Level 16, State 3, Server <systemname>, Line 1
Database 'faroer' already exists.
1>
```

**C: Insert Default Data: Entities and User Rights**

1. Run batch C:\MBCSCR\SQLScripts\ImportEntitiesUserRights.bat
2. Press any key when requested.
3. Check the log file in C:\MBCSCR\SQLScripts\Log\OSQL\_SQLServerImportEntitiesUserRights.log to ensure that it contains

```
1> 2> 3> 4> 1> 2> 3> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> 3> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> 3> 4> 5> (1 row affected)
1> 2> (1 row affected)
```

```

1> 2> 3> (1 row affected)
1> 2> 3> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> (1 row affected)
1> 2> 3> (1 row affected)
1> 2>

```

**NOTE**

**If an error message appears in the log file, the data were already in the database, e.g. the script was run twice - or all other steps were not performed correctly. Repeat from beginning with step A.**

```

1> 2> 3> 4> 1> 2> 3> Msg 2627,Level 14, State 1, Server <systemname>, Line
1
Violation of PRIMARY KEY constraint 'PK__usergroup__1273C1CD'. Cannot
insert duplicate key in object 'usergroup'.
The statement has been terminated.

```

**D: Create Default User**

1. Run batch C:\MBCSCR\SQLScripts\CreatDefaultUser.bat
2. Press any key when requested.
3. Check the log file in C:\MBCSCR\SQLScripts\Log\ CreateDefaultUser.log to ensure that it contains
 

```

1> 2> 3> 4> 1> 2> 3> (1 row affected)
1> 2> 3> (1 row affected)
1> 2> 3> (1 row affected)
1>

```

**NOTE**

**If the following error message appears in the log file, these data were already in the database (double entries are not overwritten). Continue with step E.**

```

1> 2> 3> 4> 1> 2> 3> Msg 2627, Level 14, State 1, Server <systemname>,
Line 1
Violation of PRIMARY KEY constraint 'PK__users__173876EA'. Cannot
insert duplicate key in object 'users'.
The statement has been terminated.
1> 2> 3> Msg 2627, Level 14, State 1, Server <systemname>, Line 1
Violation of PRIMARY KEY constraint 'PK__userrights2user__4F7CD00D'.
Cannot insert duplicate key in object 'userrights2user'.
The statement has been terminated.
1> 2> 3> Msg 2627, Level 14, State 1, Server <systemname>, Line 1
Violation of PRIMARY KEY constraint 'PK__userrights2user__4F7CD00D'.

```

Cannot insert duplicate key in object 'userrights2user'.  
The statement has been terminated.  
1>

**NOTE**

**If the following error message appears in the log file, the batch file ImportEntitiesUserRights.bat from step C was not performed. Begin again with step A.**

1> 2> 3> 4> 1> 2> 3> (1 row affected)  
1> 2> 3> Msg 547, Level 16, State 1, Server <systemname>, Line 1  
INSERT statement conflicted with COLUMN FOREIGN KEY constraint  
'FK\_\_userright\_\_userr\_\_5070F446'. The conflict occurred in database  
'faroer', table 'userrights', column 'id'.  
The statement has been terminated.  
1> 2> 3> Msg 547, Level 16, State 1, Server <systemname>, Line 1  
INSERT statement conflicted with COLUMN FOREIGN KEY constraint  
'FK\_\_userright\_\_userr\_\_5070F446'. The conflict occurred in database  
'faroer', table 'userrights', column 'id'.  
The statement has been terminated.  
1>

**E: Insert Default Printer**

1. Run batch C:\MBCSCR\SQLScripts\ImportdefaultPrinters.bat
2. Press any key when requested.
3. Check the log file in C:\MBCSCR\SQLScripts\Log\ ImportDefaultPrinters.log to ensure that it contains

1> 2> 1> 2> 3> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> (1 row affected)  
1> 2> (1 row affected)

1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> 5> 6> 7> 8> 9> 10>

**NOTE**

**If an error message appears in the log file, these data were already in the database (double entries are not overwritten). Continue with step F.**

1> 2> 1> 2> 3> Msg 2627, Level 14, State 1, Server <systemname>, Line 1  
Violation of PRIMARY KEY constraint 'PK\_\_printerart\_\_023D5A04'.  
Cannot insert duplicate key in object 'printerart'.  
The statement has been terminated.

**F: Insert Demo Patients**

1. Run batch C:\MBCSCR\SQLScripts\ImportDemoPatients.bat
2. Press any key when requested.
3. Check the log file in C:\MBCSCR\SQLScripts\Log\OSQL\_ImportDemoPatients.log to ensure that it contains

1> 2> 1> 2> 3> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> (1 row affected)  
1> 2> 3> 4> 5> 6> 7> 8> 9> 10>

**NOTE**

**If an error message appears in the log file, these data were already in the database (double entries are not overwritten). Repeat from beginning with step A.**

```
1> 2> 1> 2> 3> Msg 2627, Level 14, State 1, Server <systemname>, Line 1
Violation of PRIMARY KEY constraint '.....'. Cannot
insert duplicate key in object '....'.
The statement has been terminated.
```

- Reboot the system - the database will be upgraded, wait until MammoReport background logo is shown on HR monitors.

## Restore Default Database

If the customer wants to restore the default database with production settings, this is available in C:\faroer.dat. Perform the following steps:

1. Boot the system with pressed shift key and log in as OS administrator.
2. Run batch C:\MBCSCR\SQLScripts\Restore.bat.
3. Enter the password "BreastCare" when requested.
4. Press any key when requested.
5. Check the log file in C:\MBCSCR\SQLScripts\Log\OSQL\_SQLServerRestore.log to ensure that it contains

```
1> 2> Device dropped.
1> 2> (1 row affected)
'Disk' device added.
1> 2> 3> 4> 4 percent restored.
9 percent restored.
14 percent restored.
19 percent restored.
23 percent restored.
28 percent restored.
33 percent restored.
38 percent restored.
42 percent restored.
47 percent restored.
52 percent restored.
57 percent restored.
61 percent restored.
66 percent restored.
71 percent restored.
76 percent restored.
80 percent restored.
85 percent restored.
90 percent restored.
95 percent restored.
```

99 percent restored.  
100 percent restored.  
Processed 168 pages for database 'faroer', file 'faroer' on file 1.  
Processed 1 pages for database 'faroer', file 'faroer\_log' on file 1.  
RESTORE DATABASE successfully processed 169 pages in 0.222 seconds  
(6.203 MB/sec).  
1> 2> RESTORE LOG successfully processed 0 pages in 0.420 seconds  
(0.000  
MB/sec).  
1> 2> 1> 2> The number of orphaned users fixed by updating users was 0.  
1> 2>

**NOTE**

**If the following error message appears, the backup file was invalid!**

1> 2> Device dropped.  
1> 2> (1 row affected)  
'Disk' device added.  
1> 2> 3> 4> Msg 3242, Level 16, State 1, Server <systemname>, Line 1  
The file on device 'FaroerDump' is not a valid Microsoft Tape Format  
backup set.  
Msg 3013, Level 16, State 1, Server BEGONIA, Line 1  
RESTORE DATABASE is terminating abnormally.  
1> 2> RESTORE LOG successfully processed 0 pages in 0.050 seconds  
(0.000  
MB/sec).  
1> 2> 1> 2> The number of orphaned users fixed by updating users was 0.  
1> 2>

6. Reboot the system - the database will be upgraded, wait until MammoReport background logo is shown on HR monitors.

## Back Up Default SCR Database

If the customer wants to back up the default database, perform the following steps:

1. Boot the system with pressed shift key and log in as OS administrator.
2. Rename C:\faroer.dat to C:\faroer\_defaultDB.dat.
3. Run batch C:\MBCSCR\SQLScripts\Backup.bat.
4. Enter the password "BreastCare" when requested.
5. Press any key when requested.
6. Check the log file in C:\MBCSCR\SQLScripts\Log\OSQL\_SQLServerBackup.log to ensure that it contains
  - 1> 2> Device dropped.
  - 1> 2> (1 row affected)
  - 'Disk' device added.
  - 1> 2> 3 percent backed up.
  - 6 percent backed up.
  - 9 percent backed up.
  - 12 percent backed up.
  - 16 percent backed up.
  - 19 percent backed up.
  - 22 percent backed up.
  - 25 percent backed up.
  - 29 percent backed up.
  - 32 percent backed up.
  - 35 percent backed up.
  - 38 percent backed up.
  - 41 percent backed up.
  - 45 percent backed up.
  - 48 percent backed up.
  - 51 percent backed up.
  - 54 percent backed up.
  - 58 percent backed up.
  - 61 percent backed up.
  - 64 percent backed up.
  - 67 percent backed up.
  - 70 percent backed up.
  - 74 percent backed up.
  - 77 percent backed up.
  - 80 percent backed up.
  - 83 percent backed up.
  - 87 percent backed up.



90 percent backed up.  
93 percent backed up.  
96 percent backed up.  
99 percent backed up.  
Processed 248 pages for database 'faroer', file 'faroer' on file 1.  
100 percent backed up.  
Processed 1 pages for database 'faroer', file 'faroer\_log' on file 1.  
BACKUP DATABASE successfully processed <123..> pages in <1.23..> seconds  
(<1.23..> MB/sec).  
1>

**NOTE**

**If the following error message appears, the backup could not be written. Check the access rights: “read only” must be unchecked for folder C:\MBCSCR including subfolders and files! Then repeat the backup procedure.**

1> 2> Device dropped.  
1> 2> (1 row affected)  
'Disk' device added.  
1> 2> Msg 3201, Level 16, State 1, Server <systemname>, Line 1  
Cannot open backup device 'FaroerDump'. Device error or device off-line. See the SQL Server error log for more details.  
Msg 3013, Level 16, State 1, Server <systemname>, Line 1  
BACKUP DATABASE is terminating abnormally.  
1>

7. The database backup can be found at C:\faroer.dat. Check date/time of this file.
8. Copy the file C:\faroer.dat to USB stick.
9. Reboot the system - wait until MammoReport background logo is shown on HR monitors.

## Back Up faroer.dat from Production

1. Rename C:\faroer.dat to C:\faroer\_defaultDB.dat.
2. Run C:\MBCSCR\SQLScripts\Backup.bat.
3. Enter password "BreastCare" when requested.
4. The database backup can be found at C:\faroer.dat. Check date/time of this file.
5. Copy the file C:\faroer.dat to USB stick.

## BIOS Settings Celsius R610

Main		
Parameter	Parameter in Submenu	Setting
<b>System Time:</b>		Actual Time
<b>System Date:</b>		Actual Date
<b>Legacy Diskette A:</b>		1,44/1,25 MB 3½"
<b>Primary Master</b>		CD-ROM
	Type:	Auto
	Transfer Mode:	Disabled
	LBA Translation:	Disabled
	32 Bit I/O:	Enabled
	PIO Mode:	PIO 4
	Ultra DMA Mode:	Mode 2
	SMART Monitoring:	<i>Disabled</i>
<b>Primary Slave</b>		None
<b>Secondary Master</b>		CD-ROM
	Type:	Auto
	Transfer Mode:	<i>Disabled</i>
	LBA Translation:	<i>Disabled</i>
	32 Bit I/O:	<i>Enabled</i>
	PIO Mode:	PIO4
	Ultra DMA Mode:	Mode 2
	Hide Mode:	<i>Disabled</i>
	SMART Monitoring:	<i>Disabled</i>
<b>Secondary Slave:</b>		None
<b>Installed O/S</b>		Win2000/WinXP
<b>System Memory</b>		640 KB
<b>Extended Memory</b>		3406848 KB
<b>System Information</b>		
	BIOS Version:	1.06.1357
	BIOS Build Date:	09/19/03
	Ident-No.:	
	System Name:	CELSIUS R610
	System Version:	
	System Serial:	YB....
	Board Name:	S26361-D1357
	Board Version:	G
	Chassis Asset Tag :	
	MAC Address	xx.xx.xx.xx.xx.xx

Advanced			
Parameter	Parameter in Submenu	Parameter in Subsub-menu	Setting
<b>Hardware Monitor</b>			
	Fan Speed Control		Max Cooling
	Front Fan Event log		Enabled
	Rear Fan Event log		Enabled
	Realtime sensors		
		ADM CPU0 Temp	xx C
		ADM CPU1 Temp	xx C
		WB Rear Temp	xx C
		WB Front Temp	xx C
		ADM CPU0 Fan	working
		ADM CPU1 Fan	working
		WB Front Fan	working
		WB Rear Fan	working
		ADM VCCP	xxx V
		ADM 5V	xxx V
		ADM 12V	xxx V
		WB 3.3V	xxx V
		WB 5V SB	xxx V
<b>BIOS Event Log</b>			
	View BIOS event log:		Enter
	Clear all BIOS event logs		Disabled
	BIOS Event Logging		Enabled
	Halt on BIOS EventLog		Disabled
<b>Processors</b>			
<b>CPU0</b>	CPU Type:		Intel® XEON™
<b>CPU0</b>	CPU Speed:		3.06 GHz
<b>CPU0</b>	CPU ID:		0F29
<b>CPU0</b>	CPU Patch ID:		0015
<b>CPU0</b>	CPU FSB:		133 MHz
<b>CPU1</b>	CPU Type:		Intel® XEON™
<b>CPU1</b>	CPU Speed:		3.06 GHz
<b>CPU1</b>	CPU ID:		0F29
<b>CPU1</b>	CPU Patch ID:		0015
	CPU FSB:		133 MHz
	Hyper-Threading:		Enabled
	MPS Version:		1.4
	L3 Cache		Enabled

<b>Chipset</b>			
	Memory Remapping:		Enabled
	Disable Memory Bank:		Disabled
	ECC Memory Checking:		Enabled
<b>Floppy Disk Drive</b>			
	Floppy disk controller:		Enabled
<b>IDE Devices</b>			
	Local Bus IDE adapter:		Both
<b>Integrated SCSI Controller</b>			
	Integrated SCSI:		Enabled
	Option ROM Scan:		Enabled
	Latency Timer:		Default
	ChannelB Host RAID Support:		Disabled
<b>Reset Configuration Data</b>			NO
<b>Integrated Network Interface</b>			
	Integrated Network:		Enabled
	Option ROM Scan:		Disabled
	Latency Timer:		0040h
<b>Integrated USB</b>			
	Integrated USB1.1:		Enabled
	Integrated USB2.0:		Enabled
	Legacy USB Support:		Disabled
<b>I/O Device Configuration</b>			
	Serial port A:		Enabled
	Base I/O address:		3F8
	Interrupt:		IRQ 4
	Parallel port:		Enabled
	Mode:		Bi-directional
	Base I/O address:		378
	Interrupt:		IRQ 7
<b>Integrated Audio</b>			
	Integrated Audio:		Disabled
<b>Integrated 1394</b>			
	Integrated 1394		Disabled
<b>AGP Slot (Graphics)</b>			
	Device Vendor:		NVIDIA

	Card Vendor:		NVIDIA
	Latency Timer:		Default
	Graphics Aperture:		128 MB

**PCI Devices settings for BARCO**

PCI Device, Slot #1			
	Device Vendor:		Empty Slot
	Card Vendor:		Empty Slot
	Option ROM Scan:		Disabled
	Latency Timer:		Default
PCI Device, Slot #2			
	Device Vendor:		Empty Slot
	Card Vendor:		Empty Slot
	Option ROM Scan:		Disabled
	Latency Timer:		Default
PCI Device, Slot #3			
	Device Vendor:		13CCh
	Card Vendor:		13CCh
	Option ROM Scan:		Disabled
	Latency Timer:		Default
PCI Device, Slot #4			
	Device Vendor:		Empty Slot
	Card Vendor:		Empty Slot
	Option ROM Scan:		Disabled
	Latency Timer:		Default
PCI Device, Slot #5			
	Device Vendor:		13CCh* Empty Slot**
	Card Vendor:		13CCh* Empty Slot**
	Option ROM Scan:		Disabled
	Latency Timer:		Default

\* first entry is valid for CRT

\*\* second entry is valid for TFT

**PCI Devices settings for Matrox**

<b>PCI Device, Slot #1</b>			
	Device Vendor:		Matrox
	Card Vendor:		Matrox
	Option ROM Scan:		<i>Disabled</i>
	Latency Timer:		Default
<b>PCI Device, Slot #2</b>			
	Device Vendor:		Empty Slot
	Card Vendor:		Empty Slot
	Option ROM Scan:		<i>Disabled</i>
	Latency Timer:		Default
<b>PCI Device, Slot #3</b>			
	Device Vendor:		3388h
	Card Vendor:		N/A (0000)
	Option ROM Scan:		<i>Disabled</i>
	Latency Timer:		Default
<b>PCI Device, Slot #4</b>			
	Device Vendor:		Empty Slot
	Card Vendor:		Empty Slot
	Option ROM Scan:		<i>Disabled</i>
	Latency Timer:		Default
<b>PCI Device, Slot #5</b>			
	Device Vendor:		Empty Slot
	Card Vendor:		Empty Slot
	Option ROM Scan:		<i>Disabled</i>
	Latency Timer:		Default

Security	
Parameter	Setting
Supervisor Password Is:	Clear <sup>1</sup>
Set Supervisor Password	Enter <sup>2</sup>
<sup>1</sup> Changes to Set after setting Supervisor Password	
<sup>2</sup> Password has to be set and "Password Check" has to be Setup (Security requirement)	
Clear All Passwords	Enter
User Password Is:	Clear
Set User Password	Enter
Password on boot:	Disabled
Start from Floppy	Disabled <sup>1</sup>
Start from IDE CD-ROM	Disabled <sup>1</sup>
Start from IDE HDD	Enabled
Write on Flexible Disks	Unlocked
Secured Setup Configurations	NO
Fixed disk boot sector:	Normal
Setup Prompt:	Disabled
Cabinet Monitoring:	Disabled
BIOS Write Protect:	Disabled

<sup>1</sup>) Settings for delivery.

Power	
Parameter	Setting
Remote Power-On:	Disabled
After Power Failure:	Stay Off

Boot		
Parameter	Parameter im Submenu	Setting
Fast Boot:		Enabled
Quiet Boot:		Enabled
Display OPRM Messages:		Enabled
Default Primary Video Adapter:		AGP
Halt on Post Errors:		Enabled
NumLock:		On
F12 Boot		Disabled (Enabled)
Boot Device Priority		
	CD-Rom Drive	

	- Removable Devices	
	... Legacy Floppy Drives	
	- Hard Drive	
	.. 00,AIC-7902A:	0 FUJITSU MAP3367NP
	.. 00,AIC-7902A:	1 SEAGATE ST3146807LW
	.. 00,AIC-7902A:	2 SEAGATE ST3146807LW
	Bootable Add-in Cards	
	Legacy LAN Card	

Exit		
Parameter	Parameter im Submenu	Setting
Exit Saving Changes		
Exit Discarding Changes:		
Load Setup Defaults		
Discard Changes		
Save Changes		